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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/074,443	02/13/2002	Zhao-Cheng Chen		7796

7590 12/06/2005
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EXAMINER

SAWHNEY, HARGOBIND S

ART UNIT	PAPER NUMBER
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2875

DATE MAILED: 12/06/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

27

Office Action Summary	Application No.		Applicant(s)	
	10/074,443		CHEN, ZHAO-CHENG	
	Examiner		Art Unit	
	Hargobind S. Sawhney		2875	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 27 July 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-5 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1 is/are rejected.
- 7) ☐ Claim(s) 2-5 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 13 February 2002 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. The amendment filed on July 27, 2004 has been entered. Accordingly:
 - The specification has been amended; and
 - Claim 1 has been amended.

Allowable Subject Matter

2. The indicated allowability of claims 1-5 is withdrawn in view of the newly discovered reference(s) to G. Arano (US Patent No.: 1,876,384). Rejections based on the newly cited reference(s) follow.

Drawings

3. The drawings are objected to because of the following deficiency.

The specification does not detail the element "4c" in Figure 8. Instead, the element "4d", as detailed in line 22 on page 4 of the specification, needs to be shown in Figure 8. It appears that the element "4c" needs to be identified as -- 4d—in Figure 8.

Corrected drawing sheets in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. The figure or figure number of an amended drawing should not be labeled as "amended." If a drawing figure

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is to be canceled, the appropriate figure must be removed from the replacement sheet, and where necessary, the remaining figures must be renumbered and appropriate changes made to the brief description of the several views of the drawings for consistency. Additional replacement sheets may be necessary to show the renumbering of the remaining figures. Each drawing sheet submitted after the filing date of an application must be labeled in the top margin as either "Replacement Sheet" or "New Sheet" pursuant to 37 CFR 1.121(d). If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

Claim Objections

4. Claims 1-5 are objected to because of the following informalities:

Claim 1, line 5, "masks being installed on the positioning pin" indicated that a plurality of masks being installed on a single pin. The specification and the figures appear to be indicating that -- at least two masks being installed on the positioning pins of the clamp seats (2 clamp seats are shown in Figure 2).

Based on the above-given understanding:

Claim 1, line 5, "masks being installed on the positioning pin" should be rephrased as --at two masks being installed on the positioning pins of the clamp seats--.

Claim 4, lines 3 and 4, " the bulb is installed with a clamp seats" needs to be rephrased as -- the bulb is installed with a conductive seat -- for correlation with the limitation "the conductive seat" recited in line 4.

Appropriate correction is required.

Claims 2-4 are necessarily objected because of their dependency on the objected base Claim 1.

Claim 1 has been examined considering the limitation Claim 1, line 5, "masks being installed on the positioning pin" should be rephrased as --at two masks being installed on the positioning pins of the clamp seats--.

Claim 4 has been examined considering the above-indicated rephrased limitation suggested by the examiner.

The applicant needs to review limitations recited in each claim, and make rephrasing for clear and definite recitations.

Claim Rejections - 35 USC § 102

5. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

6. Claim 1 is rejected under 35 U.S.C. 102(b) as being anticipated by G. Arano (US Patent No.: 1,876,384), hereinafter referred as Arano.

As best understood, Arano discloses a lamp head (Figures 1 and 3) comprising:

- a frame body 4- the combination of elements 1,4 and 5 – having a lateral side with a through hole receiving element 6 and 14 (Figure 3, page 1, lines 75-80); an inner wall of the frame body 4having a plurality of claim

seats 17 (Figure 3, page 1, lines 84-90); each of the clamp seats 17 including an elastomer – flat spring – and a positioning pin 13 (Figure 3, page 2, lines 17-25 and 31-36); at two masks 14 and 19 being installed on the positioning pins 13, and are clamped by the clamping seats; and the above indicated assembly forming the head lamp (Figure 1 and 3, page 1, lines 1-3).

Allowable Subject Matter

7. Claims 2-5 are objected to as being dependent upon a rejected base claim 1, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

As best understood, the prior art of record, including G. Arano (US Patent No.: 1,876,384), does not show or suggest the applicant's invention as claimed. Specifically, the prior art of record does not disclose a lamp head combining:

- Each of the positioning pins having a front surface with a cut surface, and each of the elastomer including buckles on both of its sides as recited in Claim 2;
- The masks presenting transparency only one side- in other wards the other side being opaque – as recited in Claim 3;
- A bulb positioned within the frame body of the lamp having its outer side slideable into a conductive seat as recited in Claim 3;

- The inner surface of the mask coated with a reflective material as recited in Claim 5.

The combination of the above-indicated features, including at least two masks being seated on a plurality of positioning pins, and the masks being secured by a plurality of clamps holding the pins, makes disclosure unique.

Conclusion

8. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Onda (U.S. Patent No. 6,590,721 B2); Harter et al. (U.S. Patent No. 6,183,116 B1); A.J.Mara (U.S. Patent No.1,712,351); C.E.Godley (U.S. Patent No. 146101126);


9. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Hargobind S Sawhney whose telephone number is 571 272 2380. The examiner can normally be reached on 8:15 - 4:45.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Sandra O'Shea can be reached on 571 272 2378. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

HSS
12/3/2005


Stephen Husar
Primary Examiner